New Hampshire Dam Assessment Form

Date: Names of surveyors: 1 of 2

OAM LOCATION INFORMATION: Upstream feature or street name: Owner (circle one): Private Town State Dam Name River Town	Downstream feature or street name: Owner Name Impoundment Name Watershed Municipality
Coordinates: Latitude/UTM Northing	Longitude/UTM Easting

DAM STRUCTURE & HISTORIC RESOURCES		
Is the dam structure or any of the associated structures of historic interest? $UN / N / Y$ Explain		
What are the current uses of the dam? hydropower flood control recreation fish & wildlife habitat water supply none Other/Explain		
Are there canoe access points, docks, boat ramps or other infrastructure visible in the upstream impoundment?		
Can you safely portage around the dam? UN / N / Y		
Is there canoe/fishing access below the dam? UN / N / Y		
Have there been recent drawdowns? When?		
<<<<<<<<<<<<<<<<<<<		
Dam is constructed of: Rock Masonry Wood Concrete Earth-fill Other Is the structure breached or is it being bypassed? Explain		
(Estimate) Structural Height Hydraulic Height Spillway Length		
Condition of the dam and operational features: Which of the following features are present at the dam site: (Circle) Spillway Embankments Retaining walls Low-Level Outlet Flash Boards Raceway/canal Emergency spillway Rip-Rap Road or Trail on Dam		
Do any of the above dam features have one or more of the following problems: (Circle) Leaks Cracks Holes Erosion Tree or plant growth Animal activity		
Describe the overall condition and note location of any problems:		

New Hampshire Dam Assessment Form

Date: Names of surveyors: 2 of 2

	n of Impoundment	
Are there any odors associated with the s	ediments or water? UN / N / Y, Explain	
Are there any signs of oil or other contam	ninants? UN / N / Y, Explain	
Is there excessive weed or algae growth i	in the impoundment? UN / N / Y, Explain	
Is there other evidence of eutrophication?	? UN / N / Y, Explain	
Are any invasive species present? UN / N	/ Y, Explain	
Is sediment visible in the impoundment (i	islands, bars)?	
Are the banks of the impoundment erodin	ng due to fluctuations in water level?	
Is the impoundment: Open wa	ater Wetlands/islands/channel	
	r in the impoundment?	
Is the area popular for hunting or fishing?	·	
	/ Y Is it operational? UN / N / Y	
Fish and wildlife observations (or evidence	e of):	
Downstream Conditions		
Are any of the following present directly dependent on the control of the control	downstream of the dam? (within sight) Roads	
Rip-rap	Rodus Bridges	
Erosion/scour	Buildings	
	Culverts	
Wetlands	Pipes crossing stream	
Animal activity (beaver dams)	Other	
Other dams or impoundments	atmost up on an austion of the days 2 December	
is there flow alteration due to the	structure or operation of the dam? Describe:	

Definitions

Drawdown: When the level of water in the impoundment is purposely lowered for management purposes. *Breached Structure:* When the dam has been compromised to the extent that water passes freely through the structure or when part or most of the dam structure has been removed.

Spillway: Area of dam with cascading water.

Embankment: Earthen area holding back water and connecting spillway to stream banks.

Structural Height: Height from stream channel below dam to highest point on dam structure.

Hydraulic Height: Height from stream channel to the top of the spillway.

Low level outlet: Area of the dam that can be opened if the impoundment lowers beyond the spillway.

Flash Boards: Often used in the low level outlet or spillway to regulate the level of impoundment and flow.

Raceway/Canal: Bypass through a structure, such as a mill, with flowing water.

Emergency Spillway: Secondary spillway at a higher elevation that is used during high flow.